



Screw Compressor APS 30 2-stage IVR X 10 bar 30 hp/22 kW 1130-4100 l/min

Product Images



Additional Information

SKU	369430-2IVR
EAN	08712418366860
Length (mm)	1360
Width (mm)	950
Height (mm)	1460
Weight (kg)	580.000000
Workload (labor/rest %)	100/0
Motor power (hp / kW)	30.0 HP / 22.0 kW
Motor efficiency class	IE3
Motor Type	PM Synchron Motor
Motor protection class	IP55
Drive	Direct driven 1:1
Control panel	MAM-6090
Available languages	English, Dutch, Polish, German
Dryer	No
Air receiver	No
Galvanized tank	No
Maximum pressure (bar)	10
Free air delivery at 8 bar (l/min)	4100
Free air delivery at 10 bar (l/min)	3700
Minimum free air delivery (l/min)	1130
Minimum free air delivery (m3/h)	67.8
Maximum free air delivery (l/min)	4100
Maximum free air delivery (m3/h)	246
Noise level dB(A) (0 m)	78
Noise level dB(A) (4 m)	58

Cut-in pressure (bar)	6
Plug type	EU
Cooling air volume (m ³ /h)	6800
Main air connection (")	1 1/4
Minimum ambient temperature (°C)	10
Maximum ambient temperature (°C)	45
Oilfree	No
Oil capacity (l)	18
Stages	2
Start	Inverter
Voltage (V)	400 V / 50 Hz / 3 Ph
Variable speed (IVR)	Yes
Minimum rpm 10 bar (rpm)	620
Maximum rpm 10 bar (rpm/Hz)	1360
Minimum energy consumption 10 bar (kW/m ³ /h)	7.8
Maximum energy consumption 10 bar (kW/m ³ /h)	9.1

Description

A compressor with great qualities and characteristics. This machine is equipped with two-stage screw blocks and permanent magnet motors. The efficiency is improved by the ratio of 3: 1 between the 1st and 2nd stage and the reduction of the internal return leakage. This saving can be up to 15% compared to a single-stage screw block with the same air flow. This 22 KW compressor delivers a maximum of 4100 liters per minute. Where the power supply is a limitation, this machine can offer a solution. The higher purchase price is earned back within a few years by the proceeds. Thanks to the extensive adjustment options in the full color touchscreen, the maximum efficiency of the compressor can be achieved and the energy costs saved to the maximum. Because there are panels all around, the machine is very easily accessible. The service interval of 3,000 hours also ensures lower maintenance costs.

This machine is very suitable for large companies that are limited in power supply or who want to get the most out of energy costs.

X series Screw compressors

By continuously investing in the development of our products, the Airpress Group presents a new series of screw compressors. The screw compressors are available from 5.5 kW to 37 kW. The APS X series is available in two

versions: controlled at a fixed speed or speed. Machines of 15 kW are also available with a two-stage screw block. These versions have an increased performance with the same power consumption as a single-stage version. Depending on demand, these machines are available as a separate unit, mounted on a tank or mounted on a tank and equipped with a compressed air dryer. Compressors of the X series are characterized by a new generation of screw blocks. The direct drive avoids losses due to the transmission. Reliable and efficient, easy-to-use screw compressors ensure trouble-free operation at minimal costs. Equipped with a modern control panel, you can constantly monitor the screw compressor and change parameters if necessary.

